

**REFRIGERATING TECHNIQUE,  
INTERNAL COMBUSTION ENGINES,  
BOILERS AND TURBINES**

SUMMARY

<b>Steluta DINU, Sava PORNEALA - COMPARATIVE STUDY REGARDING HEAT RECOVERY FROM THE REFRIGERATING PLANT.....</b>	<b>5</b>
<b>Viorel POPA, Alexandru SERBAN - MAXIMUM ATTAINABLE PERFORMANCE OF STIRLING ENGINES AND REFRIGERATORS.....</b>	<b>11</b>
<b>Tanase PANAIT, Krisztina UZUNEANU, Marcel DRĂGAN Gheorghe CIOCEA - ANALYSE EXERGOECONOMIQUE DES INSTALLATIONS DE TRIGENERATION.....</b>	<b>17</b>
<b>Viorel BADESCU, Dragos ISVORANU, Dorin STANCIU - DERIVING THE OLD CURADO-TSALLIS FORMALISM OF NON- EXTENSIVE THERMODYNAMICS FROM GAUSS PRICIPLE .....</b>	<b>25</b>
<b>Valeria MIRON - METHODS TO DETERMINE THE MOST PROPITIOUS THICKNESS OF THE INSULATION LAYER.....</b>	<b>28</b>
<b>Mihai NAGI, Paul ILIEȘ, Vlad MARTIAN - HEAT EXCHANGERS VOLUMETRIC AND ENERGETIC EFFICIENCY.....</b>	<b>31</b>
<b>Dan ANDREI - ACOUSTIC APPROXIMATION TO THE LAWS OF GASES, USED IN THERMOACOUSTICS.....</b>	<b>35</b>
<b>Marin BICĂ, Marius STOICAN - LPG BURNING IN URNING IN OTTO ENGINES – A METHOD OF REDUCING CO<sub>2</sub> EMISSIONS.....</b>	<b>39</b>
<b>Mihai SIMIONOV THE WATER – THE FUTURE FUEL FOR ALL THE INTERNAL COMBUSTION ENGINES.....</b>	<b>43</b>
<b>Krisztina UZUNEANU, Tănase PANAIT, Marcel DRĂGAN - MODELING THE HEAT TRANSFER IN THE PISTON HEAD OF A SPARK IGNITION ENGINE SUPPLIED WITH ETHANOL –GASOLINE BLEND.....</b>	<b>46</b>
<b>Mihai SIMIONOV - GENERAL CONSIDERATION CONCERNING THE SHIPS PROPULSION USING HYDROGEN.....</b>	<b>52</b>

<b>Dan DRAGHIA - DIESEL OXIDATION CATALYSTS FOR COMMERCIAL VEHICLE ENGINES: STRATEGIES ON THEIR APPLICATION FOR CONTROLLING PARTICULATE EMISSIONS.....</b>	<b>58</b>
<b>Victor BENCHE, Virgil-Barbu - UNGUREANU ANALYTICAL CONTRIBUTIONS TO THE DEFINITION OF THE PELTON TURBINE CONTROL CHARACTERISTICS.....</b>	<b>62</b>
<b>Cristian CÂRLĂNESCU, Ionuț PORUMBEL, Cornel SANDU - GAS TURBINE EXPERIMENTAL METHOD.....</b>	<b>67</b>
<b>Dan-Teodor BALANESCU, Vlad Mario HOMUTESCU - WALL -HUNG NON-CONDENSING COMBINATION BOILERS – PERFORMANCES ASSESSEMENT.....</b>	<b>73</b>
<b>Spiru PARASCHIV, Simona Lizica PARASCHIV - SOLAR ENERGY – A METHOD TO EVALUATE THE DAILY SUNSHINE DURATION.....</b>	<b>77</b>
<b>Daniela Laura NEGOITA - THE ECONOMICS OF WASTE MANAGEMENT.....</b>	<b>81</b>
<b>Mirela DRAGOMIR - METROLOGY AND THERMAL ENERGY.....</b>	<b>85</b>